

Kindly amend the application, without prejudice, as follows:

In The Specification

Please replace the paragraph at page 11, lines 16 to 22 with the following rewritten paragraph:

✓ - Conventional reformer radiant tubes 22 or conventional tube-in-tube devices 26 with catalyst in their annuli are used in the combustion chamber 16 to utilize high intensive radiant heat directly from the flame of the burner(s) 24. Conventional reformer catalyst tubes - - tube-in-tube devices 26 with catalyst in their annuli, or tube-in-tube devices 26 that connect with the radiant tubes from the combustion chamber to receive the hot product gas from the radiant tubes - - are placed in the convection chambers 18 to recover the sensible heat from the flue gas and the product gas from the reforming reaction. -

In the Claims

Please amend claims 9 and 11-15, as follows:

✓ 9. (Amended) An assembly as in claim 8, wherein the at least one convection chamber in at least one of the multiple units comprises a first convection chamber and a second convection chamber, and at least one duct connects the first convection chamber with the second convection chamber.

11. (Amended) An apparatus as in claim 2, further comprising a flow of a mixed-feed, wherein a first portion of said mixed-feed flows through said first reaction chamber co-currently with a flow of said flue gas in said combustion chamber, and a second portion of said mixed-feed flows through said second reaction chamber counter-currently with said flow of said flue gas in said convection chamber.